

# Adam Costanza

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**Current Address:** [Removed]  
**Permanent Address:** [Removed]

<b>EDUCATION</b>	<b>Carnegie Mellon University</b> Pittsburgh, PA Bachelor of Science in Mechanical Engineering and Biomedical Engineering, May 2015 Overall GPA: 3.46/4.00  <b>Denver School of Science and Technology (DSST)</b> Denver, CO High School Diploma with Distinction, May 2011 Overall GPA: 4.00/4.00		
<b>PROJECTS</b>	<b>Buggy</b> , April 2012-Present <ul style="list-style-type: none"><li>• Lead design and construction of motorless manned racing vehicle (buggy)</li><li>• Utilize Solidworks to design buggy shell</li><li>• Work with carbon fiber and honeycomb for structural support</li></ul> <b>Computer Aided Wrench Design</b> , Fall 2011 <ul style="list-style-type: none"><li>• Applied Pro Engineer to design wrench</li><li>• Machined wrench out of aluminum with CNC</li></ul>		
<b>RELEVANT COURSEWORK</b>	Introduction to CAD (Solidworks) Numerical Methods (Matlab) Differential Equations	Statics Machine Shop Practice Thermodynamics	Physiology Stress Analysis Fluid Mechanics
<b>LEADERSHIP &amp; ACTIVITIES</b>	<b>Buggy Chairman</b> , Carnegie Mellon University, May 2012 - Present <b>Sigma Alpha Epsilon Fraternity</b> , Carnegie Mellon University, Oct 2011 - Present <b>Student Council Treasurer</b> , DSST, Aug 2009 - May 2010 <b>National Honor Society Treasurer</b> , DSST, Aug 2010 - May 2011		
<b>WORK EXPERIENCE</b>	<b>Surgical Mechatronics Laboratory</b> Pittsburgh, PA Researcher, Dec 2012 - Present <ul style="list-style-type: none"><li>• Utilize Solidworks to create CAD models of epicardial injection system</li><li>• Rapid prototype models via 3D printing</li><li>• Assemble and test models on meat samples for adhesion and performance</li></ul> <b>Noodles &amp; Company</b> Denver, CO Ambassador, Summer 2012 & Oct 2010 - Aug 2011 <ul style="list-style-type: none"><li>• Provided customer service to hundreds of customers a day</li><li>• Handled money transactions</li></ul> <b>The Stapleton Foundation</b> Denver, CO Intern, Aug 2009 - Dec 2009 <ul style="list-style-type: none"><li>• Aided in statistical research for grant writing</li><li>• Headed design and coding of a website for the Denver Language School</li></ul>		
<b>SKILLS</b>	<b>Programming Languages:</b> Matlab, Java, C++, HTML, JavaScript, PHP <b>Software:</b> Solidworks, Matlab, Microsoft Office, Photoshop <b>Machines:</b> Lathe, Mill, Bandsaw, Drill Press		
<b>AWARDS &amp; HONORS</b>	<b>Semiconductor Research Corporation Fellowship Recipient</b> , Dec 2012 <b>DSST Scholar</b> , DSST, May 2011 <b>High Honors Award</b> , DSST, Aug 2009 - May 2011		